

*Redacted*

Control No. **JA2011-02**

**JUSTIFICATION REVIEW DOCUMENT  
FOR OTHER THAN FULL AND OPEN COMPETITION**

**Program/Service/Equipment:** Lethality Testing and Criteria Development

**Authority:** 10 U.S.C. 2304(c)(1) and FAR 6.302-1      **Amount:** \$ 0  
"Only one responsible source and no other supplies or services will satisfy agency requirements."

[REDACTED]

[REDACTED]

**PCO:**

Diana McCown  
Contracting Officer

Date: 20 October 2010  
DSN: 645-4321  
E-mail: [diana.mccown@smdc.army.mil](mailto:diana.mccown@smdc.army.mil)

[REDACTED]

**Reviews:** I have reviewed this J&A and find the justification adequate to support other than full and open competition.

**Program Management:**

[REDACTED]

**OSBP**

[REDACTED]

Procurement Sensitive Source Selection Information  
See FAR 3.104

Control No. 1A2011-02

Legal Counsel

Signature: [Redacted] Date: [Redacted]

Contracting Officer, Operations Division 2, Directorate A

Signature: Diana McCown Date: 21 Oct 10  
Diana McCown DSN: 045-4321

GAMO Division Chief, Division 2 Willie Davis DSN:

Signature: Diana McCown Date: 21 Oct 10

Procurement Single Source Selection Information  
See FAR 3.101

**JUSTIFICATION AND APPROVAL FOR  
OTHER THAN FULL AND OPEN COMPETITION**

**Lethality Testing and Criteria Development Extension Modification**

1. **Contracting Agency:** The U.S. Army Space and Missile Defense Command / Army Forces Strategic Command (USASMDC/ARSTRAT), Contracting and Acquisition Management Office (CAMO), is the contracting agency responsible for this acquisition.
2. **Description of Action:** This action is a "no cost" modification to contract W9113M-05-C-0219 to provide a six (6) month period of performance extension from 29 November 2010 to 31 May 2011. This contract was funded with RDT&E funding and there is enough ceiling remaining on this contract under CLINs 0005 through 0014 to complete this extension.
3. **Description of Supplies/Services:** The requirements of this action are to continue to provide support for the Lethality and Flight Test Services Divisions. The programs supported include Corporate Lethality Program (CLP), Parametric Endo/Exoatmospheric Lethality Simulation (PEELS), NATO Medium Extended Air Defense System Management Agency (NAMEADSMA) and Training Vehicles (TRVs).
4. **Authority Cited:** The authority permitting other than full and open competition is 10 USC 2304 (c)(1) – FAR 6.302-1(a)(2)(iii), only one responsible source and no other supplies or services will satisfy agency requirements. The basis for extending the services for six (6) months is FAR 52.217-8, Option to Extend Services which is included in the current contract W9113M-05-C-0219 (but was not priced).
5. **Reason for Authority Cited:** The requirements stated herein will be acquired from the current contractor, ITT. These supplies and services are deemed to be available only from ITT, who possesses unique capabilities as described in paragraph 5b. below. Award to any other source would result in unacceptable delays in fulfilling the lethality and flight test services efforts. The extension to the period of performance is necessary to accomplish current tasks supporting USASMDC/ARSTRAT execution of lethality testing and evaluation services supporting the NAMEADSMA, CLP, PEELS and other USASMDC/ARSTRAT Technical Center development and operational flight test programs. This proposed action will allow for the execution of the FY11 portions of the these programs while ensuring that continuity is maintained on existing programs that primarily support Missile Defense Agency (MDA).
  - a. **Background:** Contract W9113M-05-C-0219 was developed and awarded to satisfy recurring requirements supporting the THAAD, Ground-Based Missile Defense (GMD), and Multiple Kill Vehicle (MKV) MDA elements and includes CLP test, evaluation, and analysis; integrated measurement program test article fabrication and

flight test event planning; range safety modeling; and, core lethality model software development, maintenance, and distribution. The contract has also been utilized by USASMDC/ARSTRAT to directly support the USASMDC/ARSTRAT Technical Center and Test and War-fighter Solution Center (TWSC) planning and analysis programs. Contract W9113M-05-C-0219 was awarded as a cost-plus-award-fee level of effort and consists of a basic effort (CLIN 0001), with a period of performance of 12 months after the effective date of the contract; Option I (CLIN 0002) with a period of performance of 12 months; Option II (CLIN 0003), with a period of performance of 16 months; Option III (CLIN 0004), with a period of performance of 12 months; Option IV (CLIN 0005), with a period of performance of 12 months; and Surge Option (CLIN 0006), which may be exercised any time during the performance period. Cost reimbursement options (CLIN 0012 and 0014) provided for materials and travel to be exercised at any time during the performance period. The addition of the NAMEADSMA Flight Test Management (FTM) support has made it essential that this contract continue. No known alternatives are available to the Government by the 28 November 2010 schedule.

[REDACTED]

b. Justification: The current contract/contractor possesses unique capabilities to provide this support without substantial duplication of costs and unacceptable delays to the program schedule. In particular, with the experience gained supporting MDA and USASMDC/ARSTRAT under the lethality test program, the contractor has developed a unique understanding of the NAMEADSMA, CLP, PEELS specific requirements. The current contractor has been instrumental in the development of the USASMDC/ARSTRAT approach to the NAMEADSMA FTM requirements. ITT has extensive mission planning, flight safety, range coordination, and test article design and fabrication experience. Moreover, ITT has directly supported in excess of 160 target missions, and has fabricated components used in over 60 ballistic missile test events. Range integration and safety at both White Sands Missile Range (WSMR) and Reagan Test Site (RTS), including the safety system refit of the Kwajalein Mobile Range Safety System (KMRSS) have been executed by ITT. ITT is the only responsible source that can provide the unique lethality instrumentation expertise when coupled with the overall requirements.

[REDACTED] A cessation of the current contract support in 2010 will jeopardize the ability of USASMDC/ARSTRAT to meet the NAMEADSMA, CLP, PEELS and other USASMDC/ARSTRAT Technical Center program requirements.

c. Impact: Only ITT possesses the capability to meet the immediate requirements of the NAMEADSMA, CLP, PEELS and other USASMDC/ARSTRAT Technical Center lethality programs. ITT currently is working on the NAMEADSMA flight test mission planning and test article design. Long lead procurement for the first two test missions to meet range safety certification requirements need to be initiated [REDACTED]

[REDACTED]

██████████ Entering the competitive process for this current effort and selecting a source other than ITT will result in the Government incurring a substantial burden of no less than \$23.3M and 30 months in schedule. This additional cost and the schedule delay could not be recovered through a competition. Estimates for cost and schedule have been extrapolated from current program information. The estimate of \$23.3M was derived based on the cost of target data products currently in development, costs to perform system and test readiness development, hardware/target storage and maintenance cost, production loss due to institutional knowledge base, and costs for two separate testing events which occur Nov 2011 and April 2012. Also included, are all the preliminary activities that need to happen prior to these test dates. These include: costs for target centric data deliveries including the target, trajectory Monte Carlo simulations, radar cross section measurements, operation requirements documents, range safety analysis and coordination, ██████████ and range coordination activities. The delay of performance on these efforts will impact the test date. ██████████

6. Efforts to Obtain Competition: All efforts to obtain competition are focused on the follow on competition and not this short term extension of the period of performance. ITT is the incumbent lethality prime contractor and, given the time constraints, is the only source capable of providing the specialized capability requirements. The award for W9113M-05-C-0219 was based upon a full and open competitive process. USASMDC/ARSTRAT is currently seeking competitive sources that are capable of performing the described tasks and is in the process of developing a competitive contract requirements package for a new contracting action. Based upon the information in paragraph 5, competition for this action is not deemed feasible for the extension modification. This effort will be synopsized and any interested sources will be considered.
7. Actions to Increase Competition: No additional action is being taken to increase future competition for this action. However, USASMDC/ARSTRAT has initiated a new contract opportunity to service the majority of the NAMEADSMA, CLP, PEELS and other USASMDC/ARSTRAT technical center programs. The new procurement action will provide the scope and ceiling necessary to execute the remainder of the program, and will be executed on a schedule that minimizes risk to USASMDC/ARSTRAT programs.
8. Market Research: An informal market survey was conducted by the USASMDC/ARSTRAT Lethality Division to determine sources who are knowledgeable of the technical aspects of this requirement. This market survey concluded that no company / team other than ITT has the required expertise and experience to meet the immediate requirements of the NAMEADSMA, CLP, PEELS and other USASMDC/ARSTRAT Technical Center programs within the stated timeframe.
9. Interested Sources: This action will be synopsized in accordance with FAR 5.201 and any interested sources will be considered.

10. Other Factors:

a) Procurement history. Contract W9113M-05-C-0219 was awarded in 2005 for approximately \$57M, Contract DASG60-98-C-0099 was awarded in 1998 for approximately \$74M, and Contract DASG60-94-C-0066, was awarded in 1994 for \$32M, which are the previous competed awards to ITT for the Lethality effort. ITT has demonstrated repeated technical performance and cost competitiveness in multiple consecutive competitive awards.

b) Extent and Nature of Harm to the Government. The demanding technical and schedule requirements as detailed in paragraphs 3 and 5 demonstrate that only the current contractor possesses the unique capabilities to avoid costs duplication and unacceptable delays in fulfilling the agency's needs. Cost duplication will arise from training required to familiarize another contractor with the requirements specific to the NAMEADSMA, CLP, and PEELS programs.

c) Efforts to Increase Competition. Full and open competition is planned for any follow-on to this effort and should be completed by June 2011 to meet the date for the entrance into the flight test execution phase.

11. **TECHNICAL CERTIFICATION:** "I certify that the supporting data under my cognizance which are included in the J&A are accurate and complete to the best of my knowledge and belief."

NAME: [REDACTED]

22 Oct 10

TITLE: [REDACTED]

12. **REQUIREMENTS CERTIFICATION:** "I certify that the supporting data under my cognizance which are included in the J&A are accurate and complete to the best of my knowledge and belief."

NAME: [REDACTED]

DATE: [REDACTED]

TITLE: [REDACTED]

SIGNATURE: [REDACTED]

13. **MANAGEMENT REVIEW/APPROVAL:** "The requirement herein described is a valid requirement of the activity and is in paragraph 1 of the J&A. The technical and requirements information contained in the J&A represent the minimum needs of the government. The only way to satisfy this requirement is by limiting competition as described herein."

NAME: [REDACTED]

DATE: 22 Oct 10

TITLE: [REDACTED]

SIGNATURE: [REDACTED]

14. **FAIR AND REASONABLE COST DETERMINATION:** "I hereby determine that the anticipated cost for this contract action will be fair and reasonable."

NAME: Diana McGown

DATE: 2 Nov 10

TITLE: Contracting Officer

SIGNATURE: Diana McGown

15. **CONTRACTING OFFICER CERTIFICATION:** "I certify that this J&A is accurate and complete to the best of my knowledge and belief."

NAME: Diana McGown

DATE: 2 Nov 10

TITLE: Contracting Officer

SIGNATURE: Diana McGown